

FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <i>PTO E</i> INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>JC18A</i>	ATTY. DOCKET NO. ASTRO-0108	SERIAL NO. 10/067,498
(37 CFR 1.98(b)) (Use several sheets if necessary)		APPLICANT James Castillo	
		FILING DATE February 4, 2002	GROUP 3764

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	PATENT NUMBER / TRADEMARK							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FCM	0	2	6	9	3	7	9	06/1983	Bledsoe *			
	0	2	8	4	7	0	2	07/1986	Castillo *			
	D	2	9	8	5	6	8	11/1988	Womack *			
	D	3	1	8	7	3	6	07/1991	Castillo *			
	D	3	4	6	0	2	8	04/1994	Lengyel *			
	D	3	5	7	0	7	0	04/1995	Castillo *			
	1	3	9	0	9	1	5	09/1921	Loth *			
	2	5	3	1	4	8	6	11/1947	Weber *			
	2	8	8	3	9	8	2	04/1959	Rainey *			
	3	0	3	0	6	3	4	04/1962	Bair *			
↓	3	0	9	9	4	4	8	07/1963	Salvo et al. *			
FCM	3	3	8	7	3	0	5	06/1968	Shafer *			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
												YES	NO
FCM	2	9	7	7	6	6	A	04/1989	European Pat. Off. *				
	1	4	9	1	5	6	9	07/1960	Germany *				X
	2	4	3	2	7	6	6	03/1975	Germany *				X
FCM	8	4	0	4	2	4	0	11/1984	WIPO *				

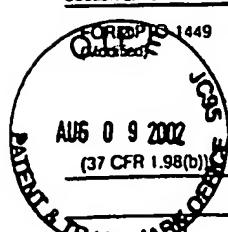
## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)


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Attn: Kit M. Stetina  
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PATENTS/WABUT02A.981

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PATENT AND TRADEMARK OFFICE**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

**ORIGINALLY FILED**  
ATTY. DOCKET NO. ASTRX-0108

SERIAL NO. 10/067,498

AUG 09 2002  
F7 CFR 1.98

[37 CFR 1.98(b)]

APPLICANT James Castillo

ILING DATE February 4, 2002

GROUP 3764

**U.S. PATENT DOCUMENTS**

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

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7/30/2004

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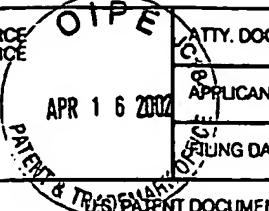
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(37 CFR 1.98(b))



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SERIAL NO. 10/087,498

APPLICANT James Castillo

FILING DATE February 4, 2002

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**PATENT DOCUMENTS**

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FCM	3	6	6	9	1	0	5	06/1972	Castiglia *			
	3	7	7	9	6	5	4	12/1973	Horne *			
	3	7	8	5	3	7	2	01/1974	Craig *			
	3	8	1	7	2	4	4	06/1974	Taylor *			
	3	9	0	0	8	9	8	08/1975	Kerman *			
	3	9	0	2	4	8	2	09/1975	Taylor *			
	3	9	2	8	8	7	2	12/1975	Johnson *			
	3	9	5	8	5	6	9	05/1976	Vosburgh *			
	4	1	3	6	4	0	4	01/1979	Lange *			
	4	1	6	9	4	6	7	10/1979	Rabischong et al. *			
	4	2	4	1	7	3	0	12/1980	Helfet *			
FCM	4	2	7	1	8	3	1	06/1981	Deibert *			

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

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						YES NO

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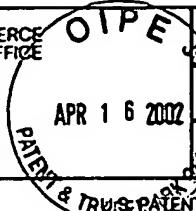
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PATENT DOCUMENTS											
EXAMINER INITIAL	PATENT NUMBER						ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FCM	4	3	6	1	1	4	2	11/30/82	Lewis et al. *		
	4	3	7	2	2	9	8	02/08/83	Lerman *		
	4	3	8	1	7	6	8	05/03/83	Erickson, et al. *		
	4	4	0	7	2	7	6	10/04/83	Bledsoe *		
	4	4	2	8	3	6	9	01/31/84	Peckham et al. *		
	4	4	8	7	2	0	0	12/11/84	Fearnly et al. *		
	4	4	8	9	7	1	8	12/15/84	Martin *		
	4	4	9	3	3	1	6	01/15/85	Reed, et al. *		
	4	4	9	4	5	3	4	01/22/85	Hutson *		
	4	5	0	3	8	4	6	03/12/85	Martin *		
	4	5	2	3	5	8	5	06/18/85	Lamb et al. *		
FCM	4	5	5	4	9	1	3	11/26/85	Womack et al. *		

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						YES	NO

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APPLICANT James Castillo

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PATENT DOCUMENTS												
EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FCM	4	5	5	9	9	9	8	07/15/88	Castillo *			
	4	6	0	3	6	9	0	08/05/86	Skeen *			
	4	6	1	4	1	8	1	09/30/86	Karlsson *			
	4	6	2	0	5	3	2	11/04/86	Houswerth *			
	4	6	2	1	6	2	4	11/11/86	Rayboy *			
	4	6	2	8	9	1	6	12/16/86	Lerman et al. *			
	4	6	6	5	9	0	5	05/19/87	Brown *			
	4	6	8	1	0	9	7	07/21/87	Pansier *			
	4	6	9	7	5	8	3	10/06/87	Mason et al. *			
	4	6	9	9	1	2	9	10/13/87	Aaserude et al. *			
	4	7	1	5	3	6	3	12/29/87	Detyl *			
FCM	4	7	2	3	5	3	9	02/09/88	Townsend *			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)


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SERIAL NO. 10/067,498

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FILING DATE February 4, 2002

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JCM</i>	4	7	5	3	2	4	0	12/20/88	Sparks *			
	4	7	9	1	9	1	6	12/20/88	Paez *			
	4	8	0	3	9	7	5	02/14/89	Mayers *			
	4	8	5	4	3	0	8	08/08/89	Drillo *			
	4	8	5	6	5	0	1	08/15/89	Castillo et al. *			
	4	8	8	6	0	5	4	12/12/89	Castillo et al. *			
	4	9	3	8	2	0	7	07/03/90	Vargo *			
	4	9	4	0	0	4	4	07/10/90	Castillo *			
	4	9	6	4	4	0	2	Grim et al.	10/23/90 *			
	4	9	8	6	2	6	4	01/22/91	Miller *			
<i>FCLM</i>	5	0	6	3	9	1	6	11/12/91	France et al. *			
	5	1	2	1	7	4	2	06/16/92	Engen *			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
							YES
							NO

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FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. ASTRX-010B	SERIAL NO. 10/067,498
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		APPLICANT James Castillo	
		FIILING DATE February 4, 2002	GROUP

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EXAMINER M. C. M.

**DATE CONSIDERED**

7/20/2004

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